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09/653073
08/31/00
Barcode

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket No.	TAL 7146.078
First Inventor or Application Identifier	Daryl Hlasny
Title	EFFICIENT AND RELIABLE TRANSMISSION VIA A HYBRID BROADCAST-POINT-TO-POINT SYSTEM
Express Mail Label No.	EL619334130US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Commissioner for Patents & Trademarks
ADDRESS TO: Box Patent Application
Washington, D.C. 20231

1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification	Total pages 23	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
<ul style="list-style-type: none"> - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Federally Sponsored Research - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		
a. <input type="checkbox"/> Computer readable copy		
b. <input type="checkbox"/> Paper copy (identical to computer copy)		
c. <input type="checkbox"/> Statement verifying identity of above copies		
ACCOMPANYING APPLICATION PARTS		
7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))		
8. <input checked="" type="checkbox"/> 37 CFR §3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney when there is an assignee		
9. <input type="checkbox"/> English translation document (if applicable)		
10. <input type="checkbox"/> Information Disclosure Statement (IDS) /PTO 1449 <input type="checkbox"/> Copies of IDS Citations		
11. <input type="checkbox"/> Preliminary Amendment		
12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized)		
13. <input type="checkbox"/> *Small Entity Statements (PTO/sb/09-12) <input type="checkbox"/> Statement filed in prior application. Status still proper and desired.		
14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		
15. <input type="checkbox"/> Other		
Note for items 1 & 13: In order to be entitled to pay small entity fees, a small entity statement is required (37 CFR §1.27), except if one filed in a prior application is relied upon (37 CFR §1.28)		

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ /
Prior application information: Examiner _____ Group No./Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label (Insert customer number or attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
Name	Timothy A. Long		
Address	601 SW Second Ave., Suite 1600		
City	Portland	State	OR
Country	USA	Telephone	(503)227-5631
Name (print type)	Timothy A. Long	Registration No.	28,876
Signature	<i>Timothy A. Long</i>		Date
			August 31, 2000

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT \$1,270

Complete If Known

Application Number	N/A
Filing Date	August 31, 2000
First Named Inventor	Daryl Hlasny
Examiner Name	N/A
Group/ Art Unit	N/A

JCS 62 U.S.P.T.O.
08/09/653071
08/31/00

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:

Deposit Account Number 03-1550

Deposit Account Name Chernoff Vilhauer McClung & Stenzel

Charge any additional fee required under 37 CFR 1.16 & 1.17

2. Payment Enclosed

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					\$690

2. EXTRA CLAIM FEES

		Fee from below	Fee Paid
Total Claims	24	-20* = 4 X 18 = 72	
Indep. Claims	9	-3* = 6 X 78 = 468	
Multiple Dependent			

*or number of previously paid, if greater. For reissues, see below.

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	*Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$540				

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
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126	240	126	240	Submission of Information Disclosure Statement	
561	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	690	246	345	Filing a submission after final rejection (37 C.F.R. 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 C.F.R. 1.129(b))	

Other (specify)

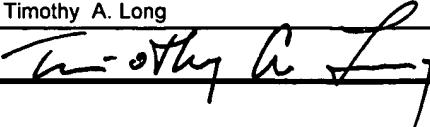
Other (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40

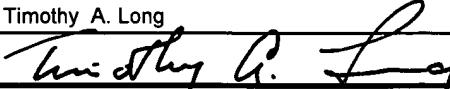
SUBMITTED BY

Complete (if applicable)

Name (print type)	Timothy A. Long	Registration No.	28,876	Telephone	(503) 227-5631	
Signature					Date	August 31, 2000

**FEE TRANSMITTAL
for FY 2000**

*Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
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Signature					Date	<i>August 31, 2000</i>																																																																																																																																												

SUBMITTED BY

Complete (if applicable)

Name (print type)		Timothy A. Long	Registration No.	28,876	Telephone	(503) 227-5631
Signature				Date	August 31, 2000	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 CFR §3.73(b)

Applicant: Daryl Hlasny

Application No: N/A Filed: Concurrently herewith

EFFICIENT AND RELIABLE TRANSMISSION VIA A HYBRID BROADCAST-POINT-TO-POINT SYSTEM

Sharp Laboratories of America, Inc. (Assignee) a Washington corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ____ Frame ____ or for which a copy thereof is attached.

B. [] A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ____ Frame ____ or for which a copy is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel ____ Frame ____ or for which a copy is attached.

Additional documents in the chain of title are listed on a supplemental sheet

[x] Copies of assignments or other documents in the chain of title are attached. (Where one or more of the documents is unrecorded.)

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this Certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of EFFICIENT AND RELIABLE TRANSMISSION VIA A HYBRID BROADCAST-POINT-TO-POINT SYSTEM or any patent issuing thereon.

Date: August 31, 2000

Name: Timothy A. Long

Title: Attorney for the Assignee (a copy of the Power of Attorney is attached)

Signature: lived by G. S. S.

Chernoff, Vilhauer, McClu

1600 ODS Tower

601 S W Second Avenue

Portland, Oregon 972

**CERTIFICATE OF MAILING
BY EXPRESS MAIL**

JCS62 U.S. PTO
09/653073
08/31/00



Express Mail No.: EL619334130US

Date of Deposit: August 31, 2000

I hereby certify that the patent application attached hereto entitled **EFFICIENT AND RELIABLE TRANSMISSION VIA A HYBRID BROADCAST-POINT-TO-POINT SYSTEM**, Daryl Hlasny, inventor, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to, The Honorable Commissioner for Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.



Dwight Bergquist-Moody